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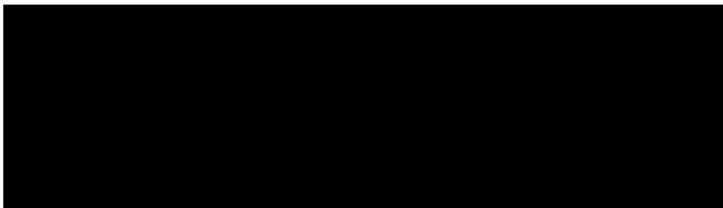


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SECRET

September 22, 1964

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Subject: Transmittal of Documents

Reference: Contract 

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Gentlemen:

Enclosed please find two copies of the third monthly Progress Report for the Zoom Magnifier project covering the period of 21 August to 20 September 1964.

If you have any questions concerning this project, please contact the writer directly.

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Very truly yours,



GJJ:bp

Photogrammetric Contracts Section

Declass Review by NIMA/DOD

SECRET

Group 1
Excluded from automatic
downgrading and
declassification

Fourth Monthly Progress Report

For A

Zoom Magnifier

This fourth monthly progress report covers the period 21 August 1964 to 20 September 1964.

The design of the optical system was continued during this period. The system is well corrected at low magnification (8X) with respect to distortion, color and field curvature. A reduction of these same aberrations at high power while maintaining the good low power correction was attempted near the end of the reporting period. A thorough analysis of the zoom section of the optics was made to minimize the change of aberrations as the magnifier passes through the zoom range.

Minutes of Meeting held on September 1, 1964 are attached.

Customer Visit: September 1, 1964

Present: Customer's technical representatives

STATINTL



The progress to date was summarized. The optical design was estimated for completion in early October. The measurement of the zoom magnifier resolution was discussed, with the customer's representatives mentioning that he would obtain targets which might be used for this instrument.

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